



## **RECTOR'S DECREE n. 90/2020**

*Academic Year 2020/2021*

n. 90 of October 8<sup>th</sup> 2020

### **CALL FOR APPLICATION FOR THE ADMISSION OF EU AND EQUIPARATED STUDENTS TO THE 6-YEAR DEGREE COURSE IN DENTISTRY AND DENTAL PROSTHETICS OF THE SAINT CAMILLUS INTERNATIONAL UNIVERSITY OF HEALTH SCIENCES (UNICAMILLUS) FOR THE ACADEMIC YEAR 2020/2021**

#### **THE RECTOR**

- Given** the Statute of the Saint Camillus International University of Health Sciences (UniCamillus);
- Given** the Didactic Regulations of Saint Camillus International University of Health Sciences (UniCamillus);
- Given** the Law n. 168 of May 19<sup>th</sup>, 1989 on the foundation of the Ministry of the University and Scientific Research;
- Given** the Law n. 264 of August 2<sup>nd</sup>, 1999, containing "Regulations on access to University courses" and subsequent amendments and integrations;
- Given** the Law n. 189 of July 30<sup>th</sup> 2002 "Amendments on legislation on immigration and asylum" and subsequent amendments and integrations, and notably art. 26;
- Given** the Decree n. 270 of October 22<sup>nd</sup> 2004 "Amendments to the regulation containing dispositions on the didactic autonomy of the Universities", approved with Decree of the Minister of University and Scientific and Technologic Research of November 3<sup>rd</sup>, 1999, n. 509;
- Given** the Ministerial Decree of March 16<sup>th</sup>, 2007, which has established the classification of the Degree Courses;
- Given** The Tuition Fees and Contributions Regulations for the academic year 2020/2021 approved by the Organizing Technical Committee of UniCamillus on June 18<sup>th</sup> 2020;
- Given** The Resolution of the Organising Technical Committee of June 18<sup>th</sup> 2020, approving the Call for Application for the admission of EU and equiparated students to the six-year Degree Course in Dentistry and Dental Prosthetics of Saint Camillus International University of Health Sciences (UniCamillus) for the academic year 2020/2021.

**Given** the Ministerial Decree n.236 of June 26<sup>th</sup> 2020 on “Definition of the number of slots available for the enrolment in the six-year Degree Courses in Dentistry and Dental Prosthetics academic year 2020/2021”;

**Given** the ANVUR resolution n.166 of September 9<sup>th</sup> 2020, ruling in favour of the acknowledgement of the Degree Course in Dentistry and Dental Prosthetics of Saint Camillus International University of Health Sciences (UniCamillus)

**GIVEN** the Ministerial Decree no. 742 of October 7, 2020 for the initial accreditation of the degree courses and the offices with which the single-cycle Master Degree Course in Dentistry and Dental Prosthetics of the UniCamillus University was accredited;

## **DECREES**

### **Article 1**

The approval and issuing of the Call for Application annexed to this Decree, of which it constitutes an integral and substantial part, related to the admission of EU and equiparated students to the six-year Degree Course in Dentistry and Dental Prosthetics of Saint Camillus International University of Health Sciences (UniCamillus) for the academic year 2020/2021.

### **Article 2**

This Decree with the handwritten signature is filed in the designated Registry of this University and published on the institutional website.

**Signed THE RECTOR**  
**Giovan Crisostamo Profita**

Roma, October 8<sup>th</sup> 2020

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### **Article 1 – Available slots and admission requirements**

Saint Camillus International University of Health Sciences, hereunder referred to as UniCamillus, has published for the academic year 2020/2021 the public call for applications for the admission to the First Year of the Degree Course in Dentistry and Dental Prosthetics.

25 (twenty-five) slots are available for the EU candidates and for the categories as of art. 26 of the law n. 189 of July 30<sup>th</sup> 2002 and subsequent amendments and alterations.

Citizens from Norway, Iceland, Liechtenstein, Helvetic Confederation, Republic of San Marino and Vatican City are treated as EU candidates.

Candidates who, at the date of the admission test, are already in possession of a high school diploma can take part in the selection process.

For the candidates who already have a foreign secondary school diploma issued by a foreign education system the qualifications are deemed valid, if obtained after at least 12 years of schooling; these qualifications must be accompanied by the Declaration of Value issued by the Italian diplomatic authorities.

In case the local education system provides for 11 or 10 years of schooling, the qualification is valid if it is integrated with one or two years of University studies, provided that all the exams scheduled for those academic years have been passed.

Candidates who do not possess or do not submit adequate qualifications within the deadlines indicated below, according to current legislation, will lose the benefit to enrol or forfeit their enrolment if already admitted and have no right to the refund of the amount paid.

With reference to the recognition of foreign qualifications, the University will take into account the indications provided by the Ministry of Education, University and Research "Procedures for entry, stay and matriculation of foreign / international students to courses of higher education in Italy for the academic year 2020/2021" and subsequent amendments (<http://www.studiare-in-italia.it/studentistranieri>).

## **Article 2 – Application submission**

Registration for the admission test will be possible until October 28<sup>th</sup> 2020 at 1 p.m.

In order to complete the registration for the admission test, each candidate needs to connect to the web portal <http://www.unicamillus.org/admission-test>, register and follow the instructions.

The candidate is responsible for the information given when filling in the registration form. The presence of false, incorrect or omitted information even in only one part leads to the immediate exclusion from the test or, if already passed, the cancellation from the lists of those admitted.

Upon submission of the form for the registration to the test the candidate authorises UniCamillus to carry out checks at institutions and authorities that have issued or validated the academic qualifications attached to the application.

In case of difficulty in the registration procedure, candidates can send an e-mail to [admission@unicamillus.org](mailto:admission@unicamillus.org) for assistance.

For all candidates, the participation fee of € 200.00 (two hundred) is not refundable for any reason (also in the event the student fails to be present at the test).

The payment of the fee for access to the admission test does not complete the registration procedure. The registration process must be completed in its entirety under penalty of exclusion.

## **Article 3 – Support for candidates with disabilities or specific disorders**

Candidates with disabilities or with specific learning disabilities (SLD), in relation to the specific difficulties attested by medical certification, can make explicit request for aids and/or additional time compared to those established for the general candidates, as well as further measures to guarantee equal opportunities in carrying out the entry test. “Candidates with disabilities” shall mean: blind candidates, suffering from absolute blindness or with a visual residual not exceeding one tenth in both eyes; deaf candidates, suffering from deafness from birth or before learning the spoken language; candidates with a civil disability percentage equal to or greater than 66%; candidates in possession of the handicap certification as from Italian Law 104/92 as amended by Italian Law 17/99. These conditions must result from an appropriate medical certification issued by a competent public health authority. The certifications will be accepted only if issued in Italian or English language.

“Candidates with SLD” shall mean: candidates with a diagnosis of dyslexia, dysgraphia, dyscalculia, dysorthography, resulting from appropriate clinical certification, issued by no more than three years by the National Health Service, or by specialists or structures accredited by the regional health service. The additional time allocated to candidates with SLD will be 30% more than the time set for admission tests, in accordance with Italian Ministerial Decree 5669/2011.

This request and the related medical documentation must be sent via registered mail with return receipt or hand delivered to the Registrar's Office – UniCamillus University – Via di Sant'Alessandro – 00131 Roma, to be received no later than October 15<sup>th</sup> 2020.

#### **Article 4 – Examination topics and admission criteria**

The admission test consists of a multiple choice written test, with five response options, among which the candidate must identify only one, discarding the wrong, arbitrary or less likely conclusions. The test is composed of 60 questions in English, based on the programs indicated in Annex A and thus divided:

- 35 questions on logical reasoning, problem solving and reading comprehension;
- 25 questions on scientific topic (7 on biology, 7 on chemistry, 7 on physics and 4 on maths);

The admission test will last 60 minutes.

For the evaluation of the test a maximum score of 60 (sixty) points is attributed according to the following criteria:

- 1 point for each correct answer;
- minus 0,25 points for each wrong answer;
- 0 points for each answer not given or multiple marking, or for all ambiguous responses.

#### **Article 5 – UniCamillus testing procedure**

The final list of the convocations to the written test will be published anonymously (but each candidate will be able to identify himself) on [www.unicamillus.org](http://www.unicamillus.org) on October 29<sup>th</sup> 2020.

The written test will take place on October 31<sup>st</sup> 2020 at the location that will be published in good time on [www.unicamillus.org](http://www.unicamillus.org), where time and procedures will be detailed.

The University reserves the right to plan additional sessions, change dates, times, locations of the admission test and publication dates of results if it is deemed necessary for organizational reasons.

On the day of the written test candidates must show a valid identification document according to art. 35 of the D.P.R. December 28<sup>th</sup> 2000 n. 445.

During the test the use of mobile phones, calculators, tablets, web-connecting devices and the consultation of printed books and/or manuscripts and notes is absolutely forbidden. The possession of these devices must be reported to the operators who, if deemed necessary, might keep it and return it at the end of the test.

The use of pens or other unauthorized writing instruments is forbidden.

Non-compliance with these provisions will result in the exclusion from the test or its continuation if already begun.

### **Article 6 – Final ranking for admission**

By November 4<sup>th</sup> 2020 UniCamillus will publish on the website [www.unicamillus.org](http://www.unicamillus.org) the ranking of merit ensuring the anonymity of the candidates.

The winning candidates are those ranking favourably with reference to the number of available slots as from Art.1 of this Call.

In the final ranking, in case of a tie, the score obtained in the solution of the questions will prevail in descending order of subject, as follows:

1. logics, problem solving and reading comprehension (combined);
2. biology;
3. chemistry;
4. physics;
5. maths.

In case of further parity, the youngest candidate will prevail.

### **Article 7 – Enrolment and re-ordering procedure**

By November 12<sup>th</sup> 2020 the candidates admitted must proceed with the online enrolment by submitting the following documentation:

- Signed enrolment application addressed to the Rector, and acceptance of the UniCamillus Code of Ethics;
- Undersigned student Contract;
- two passport-sized photographs (please indicate name and surname on the back); <sup>[L]</sup><sub>[SEP]</sub>
- photocopy of an identity document and photocopy of the fiscal code (foreigners legally residing in Italy must submit a valid residence permit and fiscal code); <sup>[L]</sup><sub>[SEP]</sub>
- Privacy policy (form available online);
- if enrolled in other university, please enclose the withdrawal from the studies or the statement of no impediment to the transfer issued by the university of origin;
- Certification or authenticated copy of the High School Diploma or, provisionally, self-certification;
- Proof of payment of the first instalment of the tuition fees for an amount of Euro 7.000,00.
- Proof of payment of the Regional Tax (to be paid directly to Lazio Region; please refer to <http://www.laziodisco.it/come-fare-per/tassa-regionale-per-il-diritto-allo-studio/>);

Italian and foreign students who have obtained their high school qualifications abroad must deliver to the Registrar's Office by the beginning of the academic year 2020/2021, under penalty of

exclusion, an official translation in Italian (legalised if necessary) of the qualifications, accompanied by a Declaration of Value issued by the Italian Embassy or Italian General Consulate competent for the territory in the country where the qualification was produced.

The candidate who renounces or who does not complete the enrolment procedure within the deadlines indicated in this call, will not be reimbursed, under any circumstances, the amount paid.

Any vacant places will be managed according to the following reordering procedure:

- Publication on [www.unicamillus.org](http://www.unicamillus.org) of the number of slots available for missed registrations or withdrawals (reopening of the ranking);
- those admitted for "re-ordering" of the ranking must proceed with what provided for in this article by 6 p.m. of the day following the reopening of the ranking;
- the "re-ordering" procedure will be repeated until the available slots are filled.

Candidates not complying with the deadlines indicated above will be considered renouncing candidates and will lose the right to enrol.

#### **Article 8 - Mandatory vaccinations**

Upon enrolment, the student states his commitment to be screened, within 60 days from the enrolment:

- for tuberculin vaccination (*prova tuberculina*) performed according to the Mantoux technique, according to the guidelines on the Prevention of tuberculosis (provision 17.12.1998 of the State-Regions Conference) and by the D.P.R. 7.11.2001 n. 465, regulating tuberculosis vaccination;
- for viral hepatitis B, pursuant to Law n. 165 of 27.5.1991.

The form for this statement will be available for download from the portal of the University.

#### **Article 9 – First instalment reimbursement**

The candidate who renounces or who, however, does not complete the enrolment procedure within the deadlines indicated in this call for application, will not be reimbursed, under any circumstances, of the amount paid and will be considered automatically withdrawn.

#### **Article 10 – Withdrawal process following enrolment**

Students who, after completing their enrolment, wish to withdraw, will have to submit their request and send it via R/R registered mail to: UniCamillus University - Via di Sant'Alessandro 8 - 00131 Rome or by certified email PEC to [office.unicamillus@pec.it](mailto:office.unicamillus@pec.it).

In case of withdrawal, in any phase of the procedure, the amount paid for the tuition fees is not refundable under any circumstances whatsoever.

**Article 11 - Additional Education Requirements (OFA)**

Candidates enrolled according to the above mentioned procedure, who have not answered correctly to at least 50% of the questions in, respectively, Chemistry, Biology and Physics of the admission test, are admitted with Additional Education Requirement, limited to that subject, and are required to attend a specific training course meant to fulfil the education requirement detected, before sitting the related exam envisaged by the Plan of Studies, and in any case within the first year. The courses' professors will verify the fulfilment of the Additional Education Requirements.

**Article 12 - Remarks**

The University reserves the right, in any stage of the enrolment procedure, to ascertain the truthfulness of the declarations made by the candidate, in accordance with current legislation. The candidate must therefore provide all the necessary elements to allow for the appropriate checks. In the event that the documentation submitted by the candidate contains false declarations, without prejudice to the penalties provided for by the penal code and by the special laws on the matter and the declarer's exposure to the action for damages by the other parties, the enrolment will be cancelled, any benefits granted will be recovered and the tuition fees paid will be retained.

The publication on the University website of the final ranking of the candidates who have taken the test and of any reordering is an official notification for all purposes of law towards the interested parties.

The University reserves the right to change dates, times, testing location and publication dates of results, internship locations, both in the Region and out of the Region, and teaching methods, if it is deemed necessary for organizational reasons. The participation in the call for application implies the full and unquestionable acceptance of the provisions contained therein.

For juridical and interpretative purposes the Italian call for application approved with Rector's Decree n. 90 of October 8<sup>th</sup> 2020 filed at the Academic Office, shall prevail.

For any matter not provided for in this call for application please refer to the Statute and Regulations governing the functioning of the University's activities.

**Article 13 – Supervisory Committee for the regularity of the competition**

With a specific decision, a Committee will be appointed to ensure the regular and proper performance of the operative procedures of the competition.

Vittorino Testa, Director of Student Services - UniCamillus University, is responsible for the procedure.



## Annex A

### Programs related to the questions of the admission test to the degree course in Medicine and Surgery.

#### Logical reasoning, problem solving and reading comprehension

Assessment of the ability to correctly use the language and logically complete a reasoning, in a coherent way with the conditions, which are expressed in a symbolic or verbal way through multiple choice questions also formulated with short propositions, discarding the wrong, arbitrary or less probable conclusions.

Analysis of cases or problems, even of an abstract nature, whose solution requires the adoption of different forms of logical reasoning.

#### Biology

The Chemistry of the living organisms.

The biological importance of the weak interactions.

The organic molecules present in the organisms and their respective functions. The role of the enzymes.

The cells as the basis of life.

Cell theory. Cellular dimensions. The prokaryotic and eukaryotic cell, animal and vegetable. Viruses.

The cellular membrane: structure and functions – the transport through the membrane.

Cellular structures and their specific functions.

The cellular cycle and the cellular reproduction: mitosis and meiosis – chromosome set and chromosome maps.

Bioenergetic.

Cellular energetic value: the ATP.

Oxidation – reduction reactions of living organisms.

The energetic processes: photosynthesis, glycolysis, aerobic respiration and fermentation.

Reproduction and hereditariness.

Life-cycles. Sexual and asexual reproduction.

Mendelian genetics. Mendel laws and their application.

Classic genetics: hereditariness chromosome theory - hereditariness models.

Molecular genetics: structure and duplication of the DNA, genetics code, protein synthesis. The prokaryotic DNA. The eukaryotic chromosome structures. The gene and the regulation of the genetic expressions.

Human genetics: transmission of the mono – polyfactorial characters; autosomal heritable diseases related to X chromosome.

The biotechnologies: recombinant DNA technology and its applications.

Hereditariness and environment.

Mutation. Natural and artificial selection. Theory of evolution. The genetic basis of evolution.

Animal and human Anatomy and Physiology.

Animal tissues.

Anatomy and physiology of the human systems and apparatus and related interactions.

Homeostasis.

#### Chemistry

The structure of the matter: states of matter aggregation; heterogeneous systems and homogenous systems; compounds and elements.

Ideal gas laws.

The atom structure: elementary particles; atomic number and mass number, isotopes, electronic structure of the atom of various elements.

The periodic system of the elements: groups and periods, transition elements. Periodic properties of the elements: atomic radius, ionization potential, electronic affinity, metallic character. Relations between the electronic structure, position in the periodic system and elements property.

The chemical connection: ionic connection, covalent and metallic bond. Bond energy. Bond polarity. Electronegativity. Intermolecular connections.

Fundamentals of inorganic chemistry, nomenclature and main characteristics of the inorganic compounds, oxides, hydroxides, acids, salts.

The chemical reaction and the stoichiometry, atomic and molecular mass, Avogadro number, concept of mole and its applications, elementary stoichiometric calculations, balancing of the simple reactions, different type of chemical reactions.

The solutions: solvent properties of the water, solubility, main ways to express the concentration of solutions.

Balance in the water-based solutions.

Kinetics chemical and catalysis elements.

Oxidation and reduction: oxidation number, concepts of oxidant and reducing agents. Balance of simple reactions.

Acids and bases: acid and base concept. Acidity, neutrality and basicity of the water-based solutions. The pH. Hydrolysis. Buffer solutions.

Basics of organic chemistry: bonds between carbon atoms, rough and structure formulas, concept of isomerism. Aliphatic, alicyclic and aromatic hydrocarbons. Functional groups: alcohols, ethers, amines, aldehydes, ketones, carboxylic acids, esters, amides. Basics of nomenclature.

## Physics

The measures: direct and indirect measures, fundamental and derivate quantities, physical dimensions of the quantities, knowledge of the decimal metric system and of the Unit Measure System CGS, Technical (or Practical) (ST) and International (SI), units of measurement (names and relations between fundamentals and derivate units) multiples and submultiples (names and values).

Kinematics: kinematic quantities, various motions with particular regard to the uniform rectilinear motion uniformly accelerated, uniform circular motion, harmonic motion (for all motions: definitions and relations between connected kinematic amounts).

Dynamics: vector and vector operations. Forces, moments of forces compared to a point. Moment to a torque of forces. Vectorial composition of the forces. Definition of mass and weight. Gravity acceleration. Density and specific weight. Universal gravitation law, 1<sup>st</sup>, 2<sup>nd</sup> e 3<sup>rd</sup> principles of dynamics. Work, kinetic energy, potential energy. Energetic conservation principles. Impulse and quantity motion. Conservation principle of the motion quantity.

Fluid mechanics: pression and its measurement units (not only in the SI system). Archimede principles. Pascal principles. Stevino laws.

Terminology, thermodynamics: thermometry and calorimetry, specific heat, thermic capacity. Mechanisms of heat propagation. Change of status and latent heat. Ideal gas laws. First and second principle of thermodynamics.

Electrostatics and electrodynamics: Coulomb laws. Field and electrical potential. Dielectric constant. Capacitors. Capacitors in series and parallel. Direct current. Ohm laws. Kirchoff principles. Electrical resistance and resistivity, resistance in series and parallel. Work, Power, Joule effects. Generators. Electromagnetic induction and alternating currents. Electric current effects (thermic, chemical, magnetic).

## Mathematics

Numerical sets and algebra. Natural, whole, rational, real numbers. Order and comparison; order of magnitude and scientific notation. Operations and their properties. Proportions and percentages. Power with external exponent, rational and their properties. Radicals and their properties. Logarithms (on the bases 10 and on the bases  $e$ ) and their properties. Essentials of combinatorics. Algebraic expressions, polynomials. Special products,  $N$ th power of a binomial, polynomials factor dissolution. Algebraic fraction. Equations and algebraic inequalities first and second degree. Equations system.

Functions: basic notions about functions and their graphical representations (domain, codomain, sign, maximums and minimums, growth and decreasing, etc.). Elementary functions: whole and fractional algebraic, exponential, logarithmic, goniometric. Multiple functions and inverse functions. Equations and goniometric inequalities.

Geometry: polygons and their properties. Circumference and circle. Measurements of lengths, surfaces and volumes. Isometries, similitudes and equivalences in the plan. Geometric locus. Measure of the angles in degrees and radians. Sine, cosine, the tangent of an angle and their special products. Goniometric formulas. Resolution of the triangles. Cartesian reference system in the plane. Distance of two points and average point of a segment. Equation of the line. Parallelism and perpendicularity conditions. Distance of a point from a line. Equation of the circumference, of the parabola, of the hyperbola, of the ellipse and their representation in the Cartesian plane. Pythagorean theorem. Euclid theorems (first and second). Probability and statistics: distributions of the frequencies according to the type of character and main graphic representations. Concept of random experiment and event. Probability and frequency.